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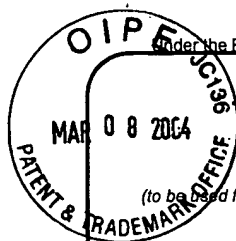
Confirmation No.

PTO/SB/21 (03-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Application Number	10/730,680
Filing Date	December 8, 2003
First Named Inventor	Nichole Barvian, et al.
Art Unit	Not Yet Known
Examiner Name	Not Yet Known
Attorney Docket Number	PC 20508A-EJB
Total Number of Pages in This Submission	

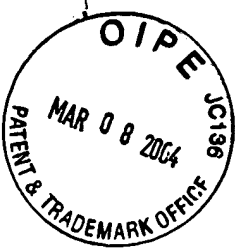
ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to a Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Statement as Provided by 37 CFR 1.97(b)
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	Postcard
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<input type="checkbox"/> Response to Missing Parts/Incomplete Application	AUTHORIZATION TO CHARGE THE FEE AND ANY ADDITIONAL FEES AS NECESSARY OR CREDIT ANY OVERPAYMENT TO DEPOSIT ACCOUNT 23-0455 IS HEREBY GIVEN.	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual	Eric J. Baude <i>Reg No.: 47,413</i>	
Signature	<i>Eric J. Baude</i>	
Date	<i>March 4, 2004</i>	

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date <i>March 4, 2004</i>		
Typed or printed	Cicely Bohms	
Signature	<i>Cicely Bohms</i>	Date <i>3/4/04</i>

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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USPTO Fax No. 703-872-9306



PC 20508A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/730,680
Applicant : Nicole Barvian, et al.
Filed : December 8, 2003
Title : "BENZOXAZI-3-ONES AND DERIVATIVES THEREOF AS
THERAPEUTIC AGENTS"
TC/AU :
Examiner :
Docket No. : PC20508A
Customer No. :

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. §1.97(b))

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

The Information Disclosure Statement submitted herewith is being filed before the mailing of the first Office Action on the merits.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. §1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

It is understood by the Applicants that this paper requires no fee; however, authorization is given to charge any necessary filing fees and any additional fees or credit any overpayment to Deposit Account 23-0455.

Authorization is hereby given to charge the required fee under 37 C.F.R. §1.17(p), any other necessary filing fees and any additional fees or credit any overpayment to Deposit Account 23-0455.

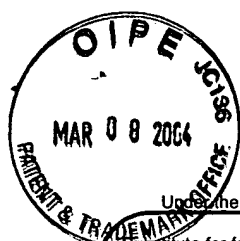
Respectfully Submitted,

Dated: _____

March 4, 2004

Eric J. Baude

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PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/730680
Filing Date	December 8, 2003
First Named Inventor	Nicole Barvian, et al.
Art Unit	Not Yet Known
Examiner Name	Not Yet Known
Attorney Docket Number	PC 50508

Sheet	2	of	4
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		ALIMOV, et al., Somatic Mutation and Homozygous Deletion of PTEN/MMAC1 Gene 10q23 in Renal Cell Carcinoma, Anticancer Research, 1999, pp 3841-3846, Vol 19	
		BORLANDO, et al., Increased phosphoinositide 3-kinase activity induces a lymphoproliferative disorder and contributes to tumor generation in vivo, FASEB J., May 2000, pp. 895-903, Vol 14	
		BRASS, et al., DNA Amplification on Chromosome 3q26.1-q26.3 in Squamous Cell Carcinoma of the Lung Detected by Reverse Chromosome Painting, Eur. J. Cancer, 1996, pp 1205-1208, Vol 32A(7), Great Britain	
		FORGACS, et al., Mutation analysis of the PTEN/MMAC1 gene in lung cancer, Oncogene, 1998, pp 1557-1565, Vol 17	
		HIRSCH, et al., Central Role for G Protein-Coupled Phosphoinositide 3-Kinase in Inflammation, Science, February 2000, pp 1049-1053, Vol 287, USA	
		HIRSCH, et al., Resistance to thromboembolism in PI3K-deficient mice, FASEB Journal, July 2001, pp. 2019-2021, USA	
		HU, et al., Inhibition of Phosphatidylinositol, 3'-Kinase Increases Efficacy of Paclitaxel in in Vitro and in Vivo Ovarian Cancer Models, Cancer Res., February 2002, pp. 1087-1092, Vol 62	
		JIMENEZ, et al., Identification and characterization of new oncogene derived from the regulatory subunit of phosphoinositide 3-kinase, EMBO Journal, 1998, pp 743-753, Vol 17(3), USA	
		KATSO, et al., Cellular Function of phosphoinositide 3-Kinases: Implications for Development, Immunity, Homeostasis, and Cancer, Annu. Rev. Cell Dev. Biol. 2001, pp 615-675, Vol 17, USA	
		KOTELEVETS, et al., Inhibition by Platelet-activating Factor of Src-and Hepatocyte Growth Factor-dependent Invasiveness of Intestinal and Kidney Epithelial Cells, J. Biol. Chem., June 1998, pp 14138-14145, Vol 273(23), USA	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/730,680
				Filing Date	December 8, 2003
				First Named Inventor	Nicole Bavian, et al
				Art Unit	Not Yet Known
				Examiner Name	Not Yet Known
Sheet	3	of	4	Attorney Docket Number	PC 20508A

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
		KRCHAK, et al., A solid phase traceless synthesis of quinoxalinones, Tetrahedron Letters, 2000, pp 2835-2838, USA		
		LEE, et al., Solid-phase combinatorial synthesis of 5-arylalkylidene rhodanine, Tetrahedron Letters, 2000, pp 5729-5732, USA		
		LEE, et al., The Raf/MEK/ERK signal transduction cascade as a target for chemotherapeutic intervention in leukemia, Leukemia, 2002, pp 486-507, Vol 16, USA		
		LEOPOLDT, et al., GBY Stimulates Phosphoinositide 3-Kinase-γ by Direct Interaction with Two Domains of the Catalytic p110 Subunit, December 1997, pp 7024-7029, Vol 273(12), USA		
		MA, et al., PIK3CA as an oncogene in cervical cancer, Oncogene, 2000 pp 2739-2744, Vol 19,		
		NAKANISHI, et al., Novel Functions of Phosphatidylinositol 3-Kinase in Terminally Differentiated Cells, Cellular Signalling, 1995, pp 545-557, Vol 6, Great Britain		
		PHILP, et al., The Phosphatidylinositol 3'-kinase p85α Gene Is an Oncogene in Human Ovarian and Colon Tumors, Cancer Research, October 2001, pp 7426-7429, Vol 61, USA		
		SHAYESTEH, et al., PIK3CA is implicated as an oncogene in ovarian cancer, Nature Genetics, January 1999, pp. 99-102, Vol 21		
		SUSA, et al., Platelet-derived Growth Factor Activates Membrane-associated Phosphatidylinositol 3-Kinase and Mediates Its Translocation from the Cytosol, November 1992. Pp 22951-22956, Vol 267(32), USA		
		VANHAESEBROECK, et al., p110, a novel phosphoinositide 3-kinase in leukocytes, Proc. Natl. Acad. Sci., April 1997, pp. 4330-4335, Vol. 94, USA		

Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/730,680		
		Filing Date	December 8, 2003		
		First Named Inventor	Nicole Bavian, et al		
		Art Unit	Not Yet Known		
		Examiner Name	Not Yet Known		
Sheet	4	of	4	Attorney Docket Number	PC 20508A

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		VIVANCO, et al., The Phosphatidylinositol 3-Kinase-Art Pathway in Human Cancer, Nature Reviews Cancer, July 2002, pp. 489-501, Vol 2, USA	

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